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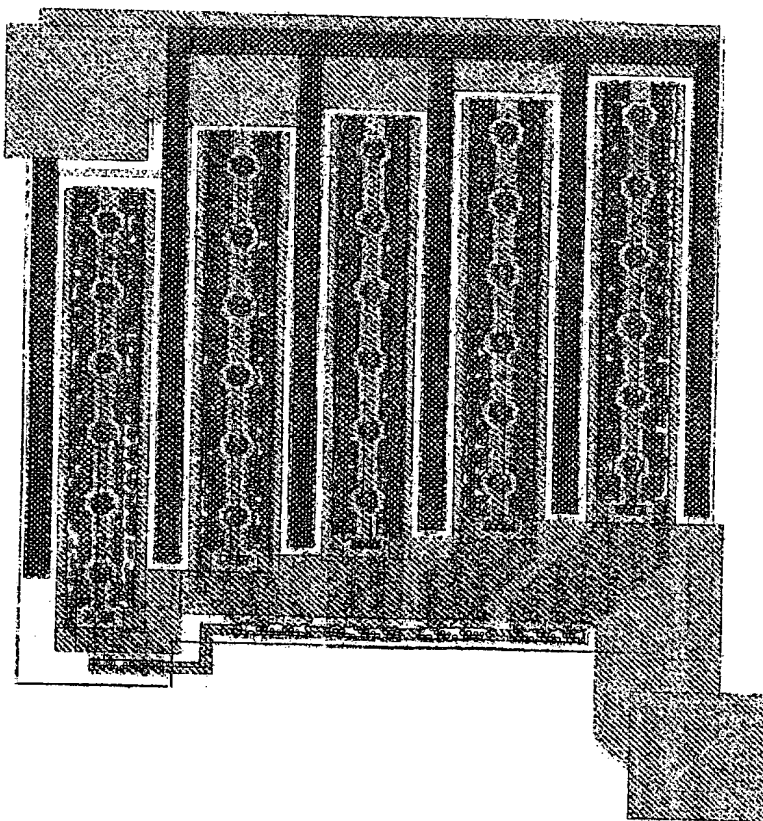
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(54) Title: SEMICONDUCTOR COMPONENT WITH A BIPOLAR LATERAL POWER TRANSISTOR



(57) Abstract: A semiconductor component comprising at least one lateral bipolar power transistor which is composed of at least one group of single transistors with a common collector-, base- and emitter zone, which are parallel connected by three conductor track systems which bring together the emitter-, base- and collector currents of each of the single transistors; and each single transistor comprises an emitter region having an emitter-contact zone with an emitter contact, at least one active emitter zone and a connection zone between the contact zone and the active zone, a base region having a base-contact zone with a base contact and an internal base series resistor, and a collector region, said internal base series resistor being a structured semiconductor region comprising at least two ring segments, which is connected to the base contact zone and to the base contact.

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A. CLASSIFICATION OF SUBJECT MATTER
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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 157 561 A (IWASAWA SHIGEO ET AL) 5 June 1979 (1979-06-05) column 4, line 6 - column 5, line 8; figures 2a, 2b column 6, line 26 - line 39; figures 5a, 5b.	1-4
X	PATENT ABSTRACTS OF JAPAN vol. 0020, no. 90 (E-045), 22 July 1978 (1978-07-22) -& JP 53 054977 A (HITACHI LTD), 18 May 1978 (1978-05-18) abstract figures 1, 2, 4, 5	1-4
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☒ Patent family members are listed in annex.

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